
The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •
Issue 396 - July 17, 1987

DXpedition News

Republica Arabe Saharaui Democratic - SØ A possible New One for the DXCC Countries List! The Spanish Lynx DX Group will operate as SØRASD August 6-16 from this potential addition to the DXCC list. Frequencies will be 3795, 7095, 14195, 21295, and 28595 kHz on SSB and 25 kHz up on CW. They promise one station on CW and one on SSB, as well as a third station to train new operators.

Kenwood has donated a complete station that they will leave in the "country." The group requests donations ("We make use of all our funds helping the Peter I expedition") to Lynx DX Group, P O Box 351, 26080 Logrono, Spain.

Operators will be EA2OP EA2JG OH2BH EA2AJH F6EXV EA2ANC EA2ANH EA2XC and EA2BXQ. QSLs go to EA2JG, Arseli Etxeguren, Las Vegas 81, 01479 Luyando (Alava) Spain. Sunrise 0550Z, sunset 1900Z.

RASD used to be known as Rio de Oro, and is on the coast of what used to be Spanish Sahara, before Spain gave up its claim to the territory in 1975. After Morocco occupied the area, Rio de Oro EA9 was deleted from the DXCC list. The Lynx DX Group is presenting documents to the DXAC to try to prove "separate government."

Martti Laine OH2BH was in Newington on July 8th to present papers to Don Search W3AZD of the DXCC desk. The Lynx group has not made a formal proposal to add RASD to the DXCC list yet, but such a proposal is expected soon. Then the papers will be forwarded to the DX Advisory Committee for review.

At the ARRL National Convention, DXCC Administrator Don Search W3AZD said that the old EA9 might be reconstituted (as happened with Singapore 9V) or a new country added to the list, or, of course, nothing at all. One well-placed source has reviewed the documents Martti submitted and says they "look very interesting. It will not be an exercise in futility." Don't miss it.

China - BYØ Three Japanese DXers will operate as BYØCQ August 16-18, 160-10 meters. QSL to JR1HHL.

Market Reef - OJØ Kee Erickson OHØNA and others will operate from Market Reef as OHØMA July 25 to August 2. All bands 160-10, CW and SSB, with amplifiers and beams. Watch 3790 7080 14205 21300 and 28550 kHz on SSB, and 15 up on CW. QSL with SAEs and IRCs or US\$1 to OHØNA. Sunrise 0226, sunset 1923Z.

Mexico - XE Mike K6ICS will be on as XEØICS July 24-26 from Ensenada on 10-40 meters, including Novice SSB. Try 28400 21340 14309/14220 7240 kHz. QSL K6ICS.

Pacific Ross Forbes WB6GFJ is on the DXpedition trail again this year. He'll start at French Polynesia as FOØFB July 18-August 4, then Nauru as C21NI August 11-17, as well as stops in New Zealand and Australia. QSL home call with SASEs or SAE and IRCs.

Libya - 5A Bert 5AØA will be back in Libya for a few days, before wrapping up his highly popular operation for good.

Shortly Noted

- 5H3BA is on 14110 or 14300 kHz Sundays and Thursdays. QSL home call: SM5MEQ.
- SM4CAN listens on 1833 kHz at his sunrise, and often hears US East Coast and VE1ZZ.
- Gary KI6T is looking for IRCs. Anyone know of any for sale?
- WY5L/KH3 on Johnston Island (OC-23) likes 7163 kHz at 0700Z or so. QSL N5DAS.
- CU2AT Berto works split with KDØJL one or two mornings a week at 7163 kHz around 0600Z. QSL Callbook address.
- 5R8TD is on 14120 kHz around 1530Z.

Reserve Your Island

- The Kansas City DX Club will be going to Belize for a multi-single entry in CQWW CW.
- And the Southwest Ohio DX Association will reactivate J6DX as a multi-multi in CQWW CW, with some 160 meters, too.

— Chod Harris VP2ML Editor

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
July		Date	Flux	A	K	Date	Flux	A	K
17	Low Normal	6/20	79	08/18	2	5/23	93	08/13	2
18	High Nor	6/21	80	07/11	1	5/24	96	13/26	3
19	High Nor	6/22	84	05/10	1	5/25	94	24/40	3
20	Below Nor	6/23	85	05/09	1	5/26	90	08/15	2
21	High/Low	6/24	86	10/09	2	5/27	85	12/33	2
22	Disturbed	6/25	84	10/13	2	5/28	83	12/16	2
23	Low Normal	6/26	82	11/18	1	5/29	77	25/42	3
24	Low Normal	6/27	76	08/10	0	5/30	76	10/16	2
25	High/Low	6/28	77	04/10	1	5/31	75	15/18	3
26	High Nor	6/29	74	05/10	1	6/1	76	08/14	1

Thanks N4XX and KH6BZF

Propagation Watch

[Forecasts based on 55-day data.] Solar data continues to favor DXers. Solar flux has not crowded 100 for some time, as it did earlier this year, but we have enjoyed many days when the flux has been in the 80's, which is usually sufficient to open 15 meters to some part of the world. And absorption has stayed very low (down to 1 on July 5), which means that even very low flux numbers translate into worldwide openings on 20 meters.

20 meters has been open from the East Coast into Australia and the South Pacific all night long, even at flux levels in the mid 70s. Europe has also been coming through in the East Coast as late as 05-0700Z. The low absorption is the main reason for this DXcitement without significant solar flux.

The outlook for the rest of July looks much better than the above forecast, which is based on data from two solar revolutions previous. More recent data suggests High Normal or Above Normal conditions July 19-22, with some possibility of increased absorption at the end of that period. Flux might get back into the mid-80s, so keep an ear on 15 meters.

Meanwhile the sporadic E season has been quite exciting, with 6 meter openings from the West Coast to Hawaii as well as frequent double and even triple hop paths across the US. On June 29-30, 2 meters opened from the East Coast to the mid-West and farther. At times 2 meters sounded like 20! Your editor's local club 10 meter station made almost 400 contacts during Field Day, including FL PA and OH. Don't give up on 10 meters just because you don't hear any signals; call a CQ before going back to the 20 meter madness.

Sunspot Cycle 22

The average sunspot number for June 1987 was 17.5, well down from the 39 of April and the 30.6 count in May. However, this was high enough to lift the 13-month smoothed count for December, 1986 to 19.7, ahead of the 17.9 smoothed figure for November. This is the third consecutive monthly rise in the smoothed sunspot count, adding to the evidence that we passed the sunspot minimum in September 1986. If that date holds up, remember, you read it first in The DX Bulletin!

Golden Jubilee Times 2

More DXers are passing the 200-country mark during 1987. In addition to those previously mentioned in The DX Bulletin, Dick N4RA is at 208, and K9US broke the 200 level on May 5th. And in a fierce East Coast rivalry, K2TQC is at 261, while fellow competitor KA2AJT has worked 253! Between these two, they have worked 270 different countries this year! Who needs sunspots with activity like that!

The AT&T Network Software Center Radio Club is issuing a free certificate to any DXer who works 200 countries this year. Send a copy of your log data to: AT&T Network Software Center, Attention T Miller Dept. 11W526210, 2600 Warrenville Road, Lisle, IL 60532. The award is also available for 300 countries!

DX Happenings at the ARRL Board of Directors Meeting

The League's Board of Directors met in Atlanta, Georgia, just prior to the ARRL National Convention July 11-12. Among those items passed at the meeting that affect DXers were:

o Father Moran 9N1MM received the Board's Humanitarian Award, for service to the amateur community. The only other recipient of this award was the late Vic Clark W4KFC. Congratulations, Father Moran.

o Eric Scace K3NA's well-reasoned Law of the Sea approach to geographic decisions in the DXCC program was referred to the DX Advisory Committee with the following statement: The ARRL recognizes that the Law of the Sea may have merit for deciding DXCC countries criteria. The DXAC is requested to consider incorporating the Law of the Sea in its report to the Board [on DXCC restructuring.]

o Two new DXCC awards were approved. On the motion of John Kanode N4MM, the Board approved new DXCC awards for 50 and 144 MHz, under rules similar to those of the 160 Meter DXCC; i.e. a 1945 start date. The first 10 hams to earn these DXCC awards will receive handsome plaques.

In other news, the FCC has approved the League's proposal for radio club stations to substitute '200' for the number in their call sign for the Constitution Bicentennial celebration. Complete details are in the September issue of QST. Requests to allow individual amateurs to do the same were turned down by the FCC.

The League will be offering a Constitution Bicentennial Worked All States award, under terms similar to its very popular Golden Jubilee DXCC award: no QSLs required, for example. The League will also offer a special Diamond Jubilee WAS award the following year, marking the League's 75th anniversary. More details on these awards soon.

Bandpass continued from Page 3

UP1BZZ	14181	1501	4	MI	Y29HQ	14008	0159	29	NY
UR1RYB	14022	0442	2	CA	YB0DPO	14016	1413	4	IL
UR2DL	14182	0348	3	MI	YB0QC	14210	1252	1	MO
UZ10WZ	14231	0536	5	CA	YB0WR	14189	1243	4	MA
UZ2FWA	14188	1923	4	MA	YB0WR	14175	1200	6	MN
UZ2FWC	14037	0606	25	CA	YB7HB	14020	1155	26	AL
V44KI	14166	2005	3	MA	YK1AO	14250	0445	3	MO
V44KQ	14228	1722	4	MA	YN3ACZ	14222	2112	3	MA
V47NXX	14172	2010	3	MA	YN3ACZ	14219	0145	4	CA
V85HG	14192	1234	26	PA	YN3ACZ	14217	1731	4	MA
V85JB	14216	1244	4	MA	YN3ACZ	14225	0540	5	MA
V85RM	14190	1320	26	PA	YN3CC	14007	2227	6	CA
VE8DX	14226	1514	6	OR	YZ9IX	14034	0246	3	VA
VE8RCS	14191	1200	24	PA	YZ9IX	14016	0436	7	CA
VK0GC	14309	0344	5	WI	YZ9RA	14033	0536	2	CA
VK9NL	14025	0338	4	MN	ZD7XY	14183	2040	2	MO
VK9YO	14025	1432	1	OR	ZD7XZ	14184	2023	2	WI
VK9YO	14194	1441	1	OR	ZF2AH	14004	2312	6	CA
VK9YO	14196	1404	3	MN	ZK1XV	14207	0320	1	NY
VP2MDY	14035	1346	5	FL	ZK1XV	14178	0540	5	OR
VP2MDY	14280	1408	5	MA	ZK1XV	14220	0255	7	CA
VP2MM	14030	2346	8	FL	ZL7BKM	14220	0359	2	OR
The Last Resort					ZL8HV	14220	0418	3	MN
VS6DO	14009	1205	1	MO	ZY0ZZB	14182	1955	3	MA
VS6DO	14013	1250	29	MO	ZY0ZZB	14160	2255	3	MN
VS6TQ	14016	1336	1	NY	ZZ8VMC	14008	2215	30	NY
VU2JOS	14003	0301	2	MO	-----15 Meters-----				
VU2QQ	14191	1721	1	CA	9H4R	21031	2230	24	AL
VU2TJW	14025	0140	2	MI	YB0BJN	21275	1710	1	MO
VU2TJW	14026	2004	4	MA	ZD7CW	21257	1424	3	MA
VU2XX	14189	0222	1	NH	ZY0ZZB	21232	1702	4	VA
VU2XX	14205	0150	2	MI	-----10 Meters-----				
VU2XX	14183	0156	3	MA	PZ1CU	28410	2015	30	CA
VU2XX	14195	1520	4	MI	-----6 Meters-----				
XX9TDM	14001	1519	8	CA	HH7PV	50110	2206	3	VA

BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

-----RTTY-----

29L1SB ! 14080 2213 5 VA
4X6RA 14090 2150 27 OH
4X6RA 14093 2312 30 CA
9M2AX 14095 1404 30 CA
9Q5NW 14088 2323 10 CA
CE1YI 14086 0256 3 CA
CP1FQ 14087 0050 25 OH
EA9JV 14084 2338 1 CA
HI8JV 14095 2205 27 OH
HL4IID 14087 1408 1 CA
IS0MVE 14083 2000 28 OH
KH3/ 14087 0347 2 CA
KL7LF 14084 0344 3 VA
" 14082 0350 6 MS
PJ8DFS 14083 2226 5 CA
PZ1BS 14088 2114 24 OH
PZ1BS 14093 0144 27 CA
TG9VT 14085 0120 28 OH
TI2ZW 14084 2200 27 OH
UA0Y 14087 0050 25 OH
U05OK 14089 2054 5 VA
V85BA 14090 1344 25 CA
VK5RY 14092 0450 5 MS
VS6EL 14095 1440 27 CA
VU2IJ 14080 0215 27 OH
VU2SJV 14091 1537 30 CA
XX9DN 14085 1444 1 CA
XX9DN 14095 1430 27 CA
YB5NOF 14083 1435 3 CA
YV5GNC 14082 2220 23 OH
YZ9RL 14098 2258 3 VA
ZS1R * 14087 1456 5 CA

-----160 Meters-----

LU2YE 1834 0200 28 EU
LU8DPM 1834 0230 28 EU
TR8JJC 1832 0200 28 EU

-----80 Meters-----

VK6LK * 3797 2347 2 MA

-----40 Meters-----

3C1A 7003 0600 10 CA
3C1CW 7003 0615 10 CA
4K1LPK 7009 1112 1 OR
9Y/J6LAD 7005 0313 1 CT
BV2DA 7004 1113 7 OR
BV2DA 7005 1407 9 CA
CE0ZIG 7011 0501 30 CT
FO0BY 7008 0431 6 OR
FT8WA 7007 1227 27 MT
LU/OD5GZ 7008 0811 5 OR
UA0KBB 7020 1337 6 OR
VK3FC 7003 0642 3 CT
VU2TEC 7005 1145 6 MN
ZD9CC 7002 0514 5 CT
ZD9CC 7002 0559 6 CA
ZK1XV 7185 0800 5 OR
ZL1ATZ 7007 0516 30 CT
ZP5LOY 7017 0318 2 CT
ZS5QQ 7010 1352 9 CA
ZS6ANL 7006 2255 3 MA

-----30 Meters-----

JA7URW 10118 1030 1 MI
JH3DJX 10105 1050 5 MI

VK2CAJ 10105 1050 7 MI
VK3CP 10108 1030 7 MI
VK3XB 10114 1123 25 AL
VK4AKX 10104 1115 5 MI

-----20 Meters-----

3C1CW 14005 2226 10 CA
3D2ER 14023 0550 8 MA
3D2JO 14266 0613 5 OR
3D2JO 14167 0455 7 OR
3D2JO 14197 0620 8 MA
3G6HAA 14007 0003 2 AL
4S7EA 14014 0152 2 AL
4S7RO 14175 1500 3 OR
4S7RO 14179 1445 4 OR
4S7RO 14183 0208 7 MA
4S7TP 14014 1349 3 OR
4U1UN 14212 1455 4 MN
5B4BD 14237 1954 3 MA
5B4MF 14214 2132 4 MA
5B4TI 14190 0142 7 MA
5H3BA 14207 2244 6 MA
5H3BH 14215 1904 5 NH
5H3ZO 14026 0400 1 MT
5N9/ 14213 2044 6 MA

HB9CUZ

5T5NU 14236 0024 7 MA
5U7/ 14160 2215 6 MA

TU4BR

5W1FT 14220 0440 29 MO
5X5GK 14190 1046 29 NY
5Z4PT 14190 2055 6 MA
6W6JX 14243 0018 2 MA
9K2MJ 14222 1829 5 NH
9M2AX 14216 1507 5 CA
9M2CW 14193 1340 3 CA
9M2FZ 14172 1343 1 MO
9M2FZ 14173 1459 3 OR
9M2LZ 14159 1521 5 CA
9N1MC 14175 1500 3 OR
9Q5NW 14179 2020 2 MO
9Q5NW 14179 2205 28 WI
9Q5NW 14180 2126 4 MA
9Q5NW 14179 2058 5 MA
9V1TL 14020 1400 1 MO
9V1TL 14020 1241 2 AL
9V1TL 14236 0107 3 NH
9V1TL 14022 1330 3 MO
9V1WG 14001 1353 3 OR
A4XJW 14163 0209 27 CA
A4XKF 14226 2200 26 PA
A4XQF 14163 0210 27 CA
A92BE 14184 2042 3 VA
A92BE 14155 0315 6 OR
A92BE 14162 0331 7 OR
AH2AV 14204 1350 1 MO
AP2AU 14184 0230 30 MO
AP2MQ 14184 0131 29 WI
AP2MQ 14175 0339 3 MI
AP2MQ 14184 1750 3 MN
AP2MQ 14175 0022 5 MA
AP2SD 14197 1445 3 OR
BV2DA 14005 1246 26 AL
BV2DA 14005 1241 3 AL
BV2FA 14216 1453 3 OR
BV6IA 14183 1059 7 OR
BY1QH 14152 1234 2 MN
BY1QH 14221 1602 23 CT
BY1QH 14227 1450 29 MO
BY1QH 14207 1340 3 MO

BY1QH 14226 1453 30 PA
BY4AA 14185 1359 4 IL
BY4RB 14022 1317 3 AL
BY4RB 14030 1207 5 MN
BY5NC 14020 0713 25 MT
BY9GA 14226 1400 23 PA
C21FS 14194 1229 3 MN
C21QU 14019 1314 1 NY
C21XX 14208 0515 5 CA
C31LBB 14023 2206 30 NY
C31LD 14202 0010 1 WI
C31LD 14211 2327 5 OR
C31OF 14202 0010 1 WI
C53AL 14191 1952 3 MA
CE0FFD 14004 2336 7 FL
CE0GHO 14181 0230 2 WI
CE0ZIJ 14223 0243 30 MO
CN8EA 14182 2051 6 MA
DU3/KK7K 14028 1231 26 AL
DV7PI 14288 0621 5 OR
DX1DBT 14178 1231 2 MN
EA9IE 14193 0025 2 MA
EA9JS 14010 0059 3 CT
EA9MG 14027 0012 4 MN
FG5BG 14008 0217 2 OR
FK0AV 14004 0619 6 CA
FK0AV 14020 0515 8 MA
FK8DD 14012 0430 8 MA
FK8FN 14014 0407 4 MN
GD0BCJ 14210 2006 6 MA
GD3FCH/A 14211 2347 5 OR
GD3FLH 14211 2204 5 MN
GJ3YBM 14022 2231 7 FL
GU3CUP 14175 1915 3 MI
H25SA 14190 1920 29 MO
H44AF 14199 0813 3 IL
H44AF 14237 0630 5 OR
H44DL 14171 1240 3 OH
H44MB 14193 1230 24 PA
H44RO 14189 0756 3 IL
H44RO 14203 0411 5 OR
HB0CZS 14002 2349 1 AL
HB0CZS 14018 2115 3 MN
HB0CZS 14004 2036 4 CT
HG9R 14016 0430 3 CA
HH2KM 14197 0244 6 MA
HK0BKX 14012 1315 1 MO
HL1CG 14018 1207 29 MO
HL9AW 14208 1221 1 MN
HL9AW 14205 1215 24 PA
HP1AC 14008 2221 7 FL
HS0B 14183 1329 3 OR
HS0B 14183 1519 5 CA
HZ1AB 14030 2258 2 AL
HZ1AB 14194 0230 3 CA
HZ1AB 14223 2134 30 NY
J28AZ 14250 0445 3 MO
J88BK 14204 0049 1 CA
J88BN 14177 0021 6 MA
JR6EA 14182 1221 28 NH
JW/ 14006 0155 1 MO
SP5EXA 14034 1248 1 WI
JW/ 14014 1515 1 CA
SP5EXA 14003 0226 3 IL
JY5CI 14213 0450 30 CA
JY5ZM 14250 0355 3 MO
JY9RL 14214 2320 8 MA
JY9WF 14049 0331 2 AL
KA2IJ 14236 0423 1 OR
KC6/ 14196 0753 5 OR

KG6ASO
KH2/NY6M 14020 1310 4 MA
KH2AC 14194 1240 24 PA
KH2D 14205 1322 5 MN
KH3/KL7LF 14182 0505 3 MO

KH3/WY5L 14234 0426 7 CA
KH9AC 14309 0407 7 CA
KX6AZ 14309 0432 7 CA
KX6BU 14193 1150 4 VA
KX6BU 14223 0546 6 OR
LZ1KOZ 14180 0030 1 MI
NL7BE 14260 1800 29 MI
OD5AS 14213 2244 1 WI
OD5AS 14205 2231 4 MA
OD5MU 14293 2137 4 MA
OD5SM 14183 0330 2 OR
OD5SM 14170 0450 3 MO
OD5YY 14251 2032 4 MA
OD5YZ 14173 0345 3 MO
OH0/ 14025 1915 7 MA
OH2BDA
OH0BH 14204 0435 2 MO
OJ0/ 14026 2017 4 MA
OH2BZ 14026 0003 7 FL
OX3AV 14172 0332 6 OR
OY6FRA 14024 0024 7 FL
OY7FRA 14192 0033 1 WI
OY9JD 14226 1340 1 MO
P29DE 14204 0530 5 OR
P29FG 14180 1319 5 VA
P29FG 14178 1340 7 OR
P29JS 14221 0715 24 NY
PV8AAS 14203 0321 30 NY
PZ1DV 14029 1130 6 MN
RF0FWW 14198 0400 1 MO
S92LB 14180 1925 7 MA
SV10L/A 14083 2029 3 VA
SV5TS 14260 2332 27 WI
SV8CS 14205 0434 7 OR
T77T 14225 0142 29 WI
TA1A 14025 2055 1 MO
TA4A 14020 2343 9 FL
TF/G3AYO 14178 2345 3 MA
TI9KK 14001 1920 5 WA
TU2QQ 14217 0002 3 MA
TU2QQ 14210 0715 5 MA
TU2QQ 14190 1152 5 NH
TU2QQ 14210 1918 6 MA
U9J/ 14018 1522 2 OR
UC2ABA
UA0FF 14183 1401 23 CT
UA0FF 14193 1231 4 NH
UA0WEA 14038 1438 2 OR
UA3NAC 14048 0225 2 OR
UA6FAL 14018 0244 3 IL
UC1AWZ 14005 0230 1 MO
UD1/ 14001 0150 29 WI
UW1ZW 14008 0204 1 OR
UD6DG 14008 0343 28 MO
UD7DZA 14015 0143 2 MO
UF6FCZ 14026 0417 2 MO
UF6FIB 14018 0210 1 MO
UH8BZ 14015 1329 4 OR
UH8CA 14026 0134 7 FL
UH8CA 14011 0130 8 OR
UI8AHU 14018 0154 2 AL
UI8ZO 14030 1549 2 OR
UI9LWA 14030 0305 7 OR
UJ8BQ 14025 0135 1 WI
UJ9JWA 14052 0212 25 AL
UL7MW 14014 0221 1 OR
UL7NR 14031 0220 6 MN
UL7NW 14176 0210 1 OR
UL7NW 14179 0122 2 WI
UL7VA 14039 2349 8 FL
UL7YAO 14028 1351 1 OR
UL8LYA 14213 0137 5 MA
UN1AE 14000 0300 28 MO
U05000 14011 1636 29 MO
UP1BYC 14172 0520 1 CA

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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FIRST CLASS MAIL

The DX Bulletin
816 Fourth Street, Suite 1001
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CALENDAR

Issue 396 - July 17, 1987

(Changes and hot info in boldface.)

Algeria - 7X	7X2LS 20 SSB 01-03Z	I389
Andorra - C3	C33A August 5-31	I384
Bahrain - A9	A92BE 14150+ 02-04Z	I394
China - BY	BY0CQ Aug. 16-18	I396
Christmas - T32	T32BF 14178 02-04Z	I386
Corsica - TK	HB9TL Jul 15-Aug 8	I391
Crozet - FT8W	FT8WA 14236 0400Z	I389
Easter Is - CE0	CE0GHO YL 14220 23-0200Z weekends	I388
Eq. Guinea - 3C	July 10-19 on CW 3C1MB 14245 or 14007 after 2300Z	I389 I391
Faroes - OY	OY7ML 20 M CW 07-08Z	I392
Fiji - 3D	3D2JO 14220 0500Z	I394
Franz Josef	UA10T 14227 1600Z	I394
Johnston Is - KH3	KL7LF, NH6D 20 0400Z KL7LF/KH3 on RTTY	I394 I395
Kermadec - ZL8	ZL8HV 14195 0400Z 14220 at 0400Z	I393 I394
Lebanon - OD	OD5SM 20 SSB 02-04Z	I394
Libya - 5A	5A0A for a few days	I396
Macquarie - VK0	VK0GC 14309 0300Z VK0ML 10 up CW 06Z	I389 I390
Madeira - CT3	DL4BBO Jul 24-Aug 13	I391
Malagasy - 5R	5R8JD by TU2NP	I393
Market Reef - OJ0	OH0MA Jul 25-Aug 2	I396
Mexico - XE	XE0ICS Jul 24-26	I396
Mongolia - JT	JT1BG 14178 1630Z	I394
Nauru - C2	C21XX 7163 06-0700Z C21NI Aug. 11-17	I393 I396
Nepal - 9N	9N1MM 14236 at 0130Z and 0030Z Wed. 9N1MC 14200 09-1300Z 4X6TT mid-July	I384 I388 I385 I395
Oman - A4	A4XKA-C 20 SSB 02Z+	I394
Qatar - A7	A71BK 20 SSB 02-04Z	I389
RASD - S0	August 6-16 New One?	I396
Russians - U/R	Lots 0200, 1500Z	I383
Sao Tome - S9	S92LB 14157 1930Z	I390

Sri Lanka - 4S

Svalbard - JW

Syria - YK

Tahiti - FO

Taiwan - BV

Thailand - HS

Tunisia - 3V

United Arab Em

Zaire - 9Q

Zone 23

4S7RO, EA 01-02Z or 15-1600Z 20 SSB	I388
4S7EF 14050 1700Z	I395
SP5EXA/JW 20 M CW	I394
OE8HFL/YK 14215 04Z	I393
FO0FB Jul 18-Aug 4	I396
20 M 14-1500Z	I394
HS0A in contests, HS0B weekends	I371
HS0C July 23-26	I394
OE2CHN late July	I395
3V8FRA Oct 17-27	I394
A61AB 14243 1500Z	I387
14250 0400Z net	I390
14226 at 2130Z	I393
9Q5NW 14175 1900Z	I392
BY0AA 14014 0030-0130	

DX Activities and Contests

Date	Event or Activity	Info
July 25-26	Northwest DX Conv.	I388
July 26	Eastern IA DX Dinner	W0IZ
Aug. 8-9	Worked All Europe CW	CQ
Aug. 15-16	SARTG RTTY Contest	CQ
Aug. 22-23	Worked All Asia CW	CQ
Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH
Oct. 10	New England DXCC	W1EED

Contributors

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